

AMENDMENTS TO THE CLAIMS

The following listing of claims is presented as a courtesy to the Examiner:

Claim 1 (Previously Presented): A wear resistant bearing of a motor-type fuel pump comprising:

a sintered body of compacted powders having a blended composition which includes 1 to 5% of graphite, 2 to 9% of Cu-P alloy containing 5 to 10% of P, Cu-Ni alloy containing 21 to 26% of Ni, and the balance, in % by weight;

wherein the blended base powders are press-molded into a compacted power, the compacted powder is sintered into a sintered body, and the sintered body is sized within the range of 400 to 500 MPa; and

wherein the sintered body made of a Cu-Ni based sintering metal has a structure in which pores are dispersed on a basis material of Cu-Ni alloy particles at a porosity within a range of 8 to 18%, and P components and free graphite are distributed on a boundary between the Cu-Ni alloy particles and in the pores, respectively.

Claim 2 (Previously Presented): A wear resistant bearing of a motor-type fuel pump comprising:

a sintered body of compacted powders having a blended composition which includes 1 to 5% of graphite, 2 to 9% of Cu-P alloy containing 5 to 10% of P, Cu-Ni alloy containing 21 to 26% of Ni, and the balance, in % by weight,

wherein the blended base powders are press-molded into a compacted powder, the compacted powder is sintered into a sintered body, and the sintered body is sized within the range of 400 to 500 MPa; and

wherein the sintered body made of a Cu-Ni based sintering metal has a structure in which pores are dispersed on a basis material of Cu-Ni alloy particles.

Claim 3 (Previously Presented): A wear resistant bearing of a motor-type fuel pump according to claim 2, wherein the basis material of Cu-Ni alloy particles has porosity within a range of 8 to 18%.

Claim 4 (Previously Presented): A wear resistant bearing of a motor-type fuel pump according to claim 2, wherein P components and free graphite are distributed on a boundary between the Cu-Ni alloy particles and in the pores.